

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|-------------------------------|---|------------------|---------|------------------|
| L1 | 47 | 398/70.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/08/05 15:32 |
| L2 | 2 | "6,348,986".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/08/05 15:51 |
| L3 | 81 | 398/52.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/08/05 16:40 |
| L4 | 224 | 398/55-57.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/08/05 16:40 |
| L5 | 5 | hub and 4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/08/05 16:41 |
| L6 | 219 | 4 not 5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/08/05 16:40 |
| L7 | 12 | (central adj office\$1) and 4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/08/05 16:47 |
| L9 | 133 | 398/49.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/08/05 17:01 |
| L11 | 0 | Britz-David.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/08/05 17:02 |
| L12 | 16 | Britz-David-\$.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/08/05 17:02 |
| L13 | 10 | DODLEY-JEEVAN-\$.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/08/05 17:03 |
| L14 | 19 | LIN-LIH-YUAN.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/08/05 17:03 |

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| L15 | 1585 | millier-robot-\$.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/08/05 17:03 |
| L16 | 186 | communication and 15 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/08/05 17:03 |
| L17 | 56 | optic\$4 and 16 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/08/05 17:03 |
| L18 | 38 | 12 13 14 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/08/05 17:03 |
| L19 | 91 | 17 or 18 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/08/05 17:04 |
| S2 | 11962 | 398/1-214.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/08/05 14:42 |
| S7 | 2 | "6788898".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/14 16:47 |
| S8 | 7 | ("20020131123" "20020149811" "5786923" "5844705" "5983068" "6239888" "6314163").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/20 16:34 |
| S10 | 196 | 398/118.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/20 16:40 |
| S11 | 7 | ("20020131123" "20020149811" "5786923" "5844705" "5983068" "6239888" "6314163").PN. and switch\$4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/20 16:34 |
| S12 | 7 | ("6314163").URPN. | USPAT | OR | OFF | 2005/07/20 16:39 |
| S13 | 546 | 398/128-131.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/20 16:40 |
| S14 | 704 | S10 or S13 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/20 16:40 |

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| S15 | 372 | S14 and (switch\$4 or crossconnect\$1 or cross-connect\$1 or oxc\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/20 16:42 |
| S16 | 34 | S14 and (node\$1 same (switch\$4 or crossconnect\$1 or cross-connect\$1 or oxc\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/20 16:50 |
| S17 | 28 | ("3713163" "4063083" "4170400" "4354742" "4716417" "4736463" "4855751" "4935630" "4960315" "5062150" "5148322" "5218356" "5345336" "5589968" "5606444" "5610750" "5655068" "5710652" "5745941" "5777768" "5786923" "5870216" "5909296" "6091074" "6104513" "6118131" "6141128" "6348986").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/20 16:48 |
| S18 | 74 | S14 and ((optic\$4 near2 switch\$4) or (crossconnect\$1 or cross-connect\$1 or oxc\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/20 18:02 |
| S19 | 298 | S15 not S18 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/20 17:30 |
| S20 | 44 | S19 and node\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/20 17:31 |
| S21 | 16 | ("5229593" "5786923" "5886923" "5987011" "5995593" "6122759" "6285857" "6304556" "6397248" "6414774" "6556565" "6559993" "6626587" "6643466" "6678477" "6701092").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/20 17:39 |
| S22 | 79 | 398/127.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/20 17:39 |
| S23 | 16 | S14 and (wavelength\$1 with (user\$1 or node\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/20 17:52 |

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| S24 | 998 | 398/118-131.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/20 17:52 |
| S25 | 409 | S24 and network | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/20 17:56 |
| S26 | 102 | S24 and ((optic\$4 near2 switch\$4) or (crossconnect\$1 or cross-connect\$1 or oxc\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/20 17:52 |
| S27 | 28 | S26 not S18 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/20 17:52 |
| S28 | 85 | S24 and nodes | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/20 17:57 |
| S29 | 519 | 398/48-51.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/20 17:58 |
| S30 | 214 | S29 and (infrared or infra-red or ir or free or freespace or atmospher\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/20 17:59 |
| S31 | 205 | S29 and (free or freespace or atmospher\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/20 17:58 |
| S32 | 99 | S29 and (infrared or infra-red or ir or (free adj space) or freespace or atmospher\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/20 17:59 |
| S33 | 83 | S29 and ((free adj space) or freespace or atmospher\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/20 18:01 |
| S34 | 8464 | ((free adj space) or freespace or wireless) with optic\$4 with network\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/20 18:02 |
| S35 | 529 | S34 and ((optic\$4 near2 switch\$4) or (crossconnect\$1 or cross-connect\$1 or oxc\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/20 18:02 |

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| S36 | 262 | S35 and node\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/20 18:02 |
| S37 | 20 | (US-20020149811-\$ or US-20020131123-\$).did. or (US-6788898-\$ or US-6314163-\$ or US-6239888-\$ or US-5844705-\$ or US-5983068-\$ or US-5786923-\$ or US-6731878-\$ or US-6795655-\$ or US-6348986-\$ or US-5786912-\$ or US-6522437-\$ or US-6842439-\$ or US-6323980-\$ or US-5247380-\$ or US-5099346-\$ or US-5247381-\$ or US-5661582-\$ or US-5680240-\$).did. | US-PGPUB; USPAT | OR | OFF | 2005/07/21 09:07 |
| S38 | 20 | S37 and switch\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/21 09:36 |
| S39 | 4869 | (mems or micromirror\$1 or (micro adj2 mirror\$1)) with switch\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/21 09:37 |
| S40 | 11984 | 398/1-214.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/21 09:37 |
| S41 | 224 | S39 and S40 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/21 09:42 |
| S42 | 155327 | electr\$7 adj2 switch\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/21 09:43 |
| S43 | 76 | S41 and S42 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/21 10:08 |
| S44 | 15 | S37 and wavelength\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/21 10:09 |
| S45 | 10 | ("6323980").URPN. | USPAT | OR | OFF | 2005/07/21 10:09 |

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| S46 | 23 | (US-20020131123-\$ or US-20020149811-\$).did. or (US-5099346-\$ or US-5247380-\$ or US-5247381-\$ or US-5661582-\$ or US-5680240-\$ or US-5786912-\$ or US-5786923-\$ or US-5844705-\$ or US-5983068-\$ or US-6239888-\$ or US-6314163-\$ or US-6323980-\$ or US-6348986-\$ or US-6453085-\$ or US-6522437-\$ or US-6606427-\$ or US-6731878-\$ or US-6771905-\$ or US-6788898-\$ or US-6795655-\$ or US-6842439-\$).did. | US-PGPUB; USPAT | OR | OFF | 2005/07/25 15:08 |
| S47 | 19 | S46 and (rf or radio) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/25 12:40 |
| S48 | 6 | ("4730310" "4789983" "5264955" "5493436" "5710652" "6049593").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/25 12:42 |
| S49 | 23 | (US-20020131123-\$ or US-20020149811-\$).did. or (US-5099346-\$ or US-5247380-\$ or US-5247381-\$ or US-5661582-\$ or US-5680240-\$ or US-5786912-\$ or US-5786923-\$ or US-5844705-\$ or US-5983068-\$ or US-6239888-\$ or US-6314163-\$ or US-6323980-\$ or US-6348986-\$ or US-6453085-\$ or US-6522437-\$ or US-6606427-\$ or US-6731878-\$ or US-6771905-\$ or US-6788898-\$ or US-6795655-\$ or US-6842439-\$).did. | US-PGPUB; USPAT | OR | OFF | 2005/07/25 15:08 |
| S50 | 16 | S49 and multiplex\$4 | US-PGPUB; USPAT | OR | OFF | 2005/07/26 15:02 |
| S51 | 492 | 398/82.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/07/26 15:02 |
| S52 | 492 | 398/82.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/26 15:02 |
| S53 | 326 | S52 and network | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/07/26 15:02 |